

**PATENT APPLICATION**

Sheet 1 of 3

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	200314202-1		
	APPLICANT		
	WEI, Qingqiao		
	FILING DATE	GROUP	
	03-23-2004		

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/BJS/	1A	20030205078A	11-06-2003	Hasei et al.	
	1B	6,627,964B2	09-30-2003	Nakashima et al.	
	1C	20030153088A	08-14-2003	DiMeo, Jr. et al.	
	1D	20030139003A	07-24-2003	Gole et al.	
	1E	6,596,236B2	07-22-2003	DiMeo, Jr. et al.	
	1F	20030121764A	07-03-2003	Yang et al.	
	1G	20030113714A	06-19-2003	Belcher et al.	
	1H	20030089899A	05-15-2003	Lieber et al.	
	1I	20020130311A	09-19-2002	Lieber et al.	
	1J	20020117659A	08-29-2002	Lieber et al.	
	1K	6,265,222B1	07-24-2001	DiMeo, Jr. et al.	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
/BJS/	1L	WO2003046536	06-05-2003	Sony International		
/BJS/	1M	EP0711410B1	03-26-1997	IBM Corp.		
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

/BJS/	1Q	S. NAKATA et al., "Field effect transistor type NO2 sensor combined with NaNO2 auxiliary phase," Sensors and Actuators B 77 (2001) pp. 512-516
/BJS/	1R	D. BRIAND et al., "A Low-Power Micromachined MOSFET Gas Sensor," J. Microelectromechanical Systems, 9(3), Sept 2000, pp. 303-308
/BJS/	1S	S. TRAUTWEILER et al., "New Silicon-Based Metal-Oxide Chemical Sensors" Sensors Magazine, V16(9), Sept. 1999, p. 109 ff.

EXAMINER /Brian Sines/ (04/12/2007)

DATE CONSIDERED

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<b>FILING DATE</b> <b>03-23-2004</b>		<b>GROUP</b>	

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/BJS/	1A	5,731,510B	03-24-1998	Jones et al.	
/BJS/	1B	4,020,830B	05-03-1977	Johnson et al.	
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

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	1L					
	1M					
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

/BJS/	1Q	M.B. STERN et al., "Nanochannel fabrication for chemical sensors." J. Vac. Sci. Technol. B 15(6), Nov/Dec 1997, pp. 2887-2891
/BJS/	1R	G. F. BLACKBURN, "Chemically sensitive field effect transistors," Ch. 26 of A. P. F. Turner et al. (eds) "Biosensors: Fundamentals and Applications," Oxford U.P., Oxford (1987) pp. 481-530
/BJS/	1S	I. LUNDSTROM et al., "Gas Sensors Based on Catalytic Metal-Gate Field-Effect Devices," Sensors and Actuators 10 (1986) pp. 399-421

EXAMINER                      /Brian Sines/ (04/12/2007)

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<b>APPLICANT</b> <b>WEI, Qingqiao</b>			
<b>FILING DATE</b> <b>03-23-2004</b>		<b>GROUP</b>	

**REFERENCE DESIGNATION                      U.S. PATENT DOCUMENTS**

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	1L					
	1M					
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

/BJS/	1Q	J. JANATA et al. "Chemically Sensitive Field Effect Transistors," Ch. 3 of H. Freiser (ed.) "Ion-Selective Electrodes in Analytical Chemistry - Vol. 2" Plenum Press, New York (1980) pp. 107-174
	1R	
	1S	

<b>EXAMINER</b> /Brian Sines/ (04/12/2007)	<b>DATE CONSIDERED</b>
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Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**(Use as many sheets as necessary)**

Sheet	1	of	2
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**Complete if Known**

<b>Application Number</b>	10/807,932
<b>Filing Date</b>	03/23/2004
<b>First Named Inventor</b>	Qingqiao WEI
<b>Art Unit</b>	1756
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	200314202-1

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
/BJS/		WO 02/48701	06-20-2002	Harvard College		

Examiner Signature	/Brian Sines/ (04/12/2007)	Date Considered	
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/807,932
Filing Date	03/23/2004
First Named Inventor	Qingqiao WEI
Art Unit	1756
Examiner Name	
Attorney Docket Number	200314202-1

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/BJS/		Bradley et al. "Influence of Mobile Ions on Nanotube Based FET Devices", Nano Letters, American Chemical Society, vol.3, no.5, 2003.	
/BJS/		Star et al. "Interaction of Aromatic Compounds with Carbon Nanotubes: Correlation to the Hammett Parameter...", Nano Letters, American Chemical Society, vol.3, no.10, 2003.	
/BJS/		Li et al. "Carbon Nanotube Sensors for Gas and Organic Vapor Detection", Nano Letters, American Chemical Society, vol.3, no.7, 2003.	
/BJS/		Search Report for European Patent Application No. EP05251552. Search completed June 28, 2005.	

Examiner  
Signature

/Brian Sines/ (04/12/2007)

Date  
Considered

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